



NASC Official Interpretations Summary #1

November 24, 2007

Extends Regulations Rev B. - June 2007

Official Interpretation

Question: 5.2 mentions that the solar array includes any reflective surfaces refractive lenses, or thermal-cooling systems employed to increase power output. 5.2.A.1 says the Solar Array can be 6m^2 of solar cells. Would these regulations allow a car containing 8m^2 of reflective lenses in addition to 6m^2 of solar cells? Or does the sentence the Solar Array can be 6m^2 of solar cells mean that we can only use a total of 6m^2 of solar cells and reflective area combined?

Interpretation:

Regulation 5.2.A.1 allows for 6m^2 of solar cells, with no explicit limitation on collectors. A car with 6m^2 of solar cells, and a larger area of collectors, would be allowed.

Regulation Changes:

3.13 (Demonstration class) vehicles will not be required to meet 6.1 Solar Car Dimensions.

5.7.D Supplemental Batteries - Telemetry will be added to the list of acceptable devices to run on supplementary batteries. This will allow the battery protection system to be monitored remotely if the pack is shut down.